

## COURSE SYLLABUS

### Urology

2122-4-H4102D029-H4102D112M

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#### Aims

The course will provide the essential and up-to-date theoretical knowledge of the clinical diagnosis and \_\_\_\_\_

#### Contents

The lessons will cover the most important urological syndromes: bladder outlet obstruction, benign prostatic \_\_\_\_\_

#### Detailed program

- Physical examination in urology
  - Diagnostic tools in urology: laboratory tests, imaging tools, invasive procedures.
  - Anatomy of the kidney, of the bladder, of the upper urinary tract and of the prostate.
  - Physiology and physiopathology of the bladder emptying: benign prostatic hyperplasia (BPH) and lower urinary tract symptoms (LUTS); other causes of bladder dysfunction (bladder neck sclerosis and urethral strictures).
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- Kidney cancer (benign and malignant)
- Upper tract urothelial cancer
- Bladder cancer
- Testicular cancer
- Kidney and ureteral stones (upper urinary tract obstructive syndrome)
- Urinary tract infection. orchitis, acute prostatitis
- Congenital disorders: pyeloureteral junction obstruction, vesicle-ureteral reflux, horseshoe kidney, hypospadias
- Emergency: kidney, ureteral and bladder trauma, urethral and testicular trauma
- Emergency: testicular torsion, acute urinary retention, obstructive anuria.
- Andrology: erectile dysfunction, induratio penis plastica and recurvatum of the penis, varicocele, hydrocele.

## **Prerequisites**

Basic knowledge of fundamentals of biology, genetics, morphology, histology, physiology of the uro-genital system.

## **Teaching form**

Frontal lessons with audio-visual aids and open discussion in the classroom, practice in smaller groups in outpatient clinics, wards and operating rooms.

Based on the Covid-19 pandemic trend, lessons could take place in a mixed mode: partial presence and asynchronous/synchronous videotaped lessons.

## **Textbook and teaching resource**

- Smith and Tanagho's General Urology - 18th Edition - LANGE Editore

## **Semester**

Second semester

## **Assessment method**

(1) **Written exam** with multiple choice quiz comprising 30 questions with only one correct answer, aimed at evaluating global comprehension of course program. Each correct answer is scored 1. A *minimum score of 18* is required for being admitted to oral examination

(2) **Oral examination** (discussion on topics covered during the lectures or clinical case analysis)

Based on the Covid-19 pandemic trend, exams could be telematic only.

## **Office hours**

By email appointment at [luigi.dapozzo@unimib.it](mailto:luigi.dapozzo@unimib.it)

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